

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	24	pronunciation adj guess\$3	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 11:39
S2	8	("5040218"   "6016471"   "6018736"   "6029132"   "6092044"   "6120297"   "6272464"   "6314165").PN.	US-PGPUB ; USPAT; USOCR	OR	ON	2007/04/18 17:23
S3	133	pronunciation adj (model\$3 estimat\$3)	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/18 17:34
S4	130	S3 not S1	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/18 17:35
S5	78	S4 and phoneme	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/18 17:35

## EAST Search History

S6	95	("5865626" "7133827" "5455889" "5715367" "6064959" "6230131" "6912498" "20020138265" "20050203751" "20040210438" "5909666" "6243680" "5806030" "6208963" "5502791" "5884261" "20050197835" "20060149558" "6092044" "5920837" "4819271" "6304844" "20020040296" "6411932" "6801893" "4833712" "6208964" "5634086" "6023677" "6067520" "20050197837" "6126447" "5960399" "20070038453" "5907825" "6224636" "6224636" "5799276" "5745649" "5033087" "5704007" "5930755" "5621859" "5791904" "5679001" "5615299" "4803729" "4805219" "6314165" "6167377" ).pn.	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/18 18:04
S7	4	(("20050192793") or ("20050131685")).PN.	US-PGPUB ; USPAT; DERWENT	OR	OFF	2007/04/19 10:17
S8	68	nuance.as.	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/19 16:27
S9	2	S8 and pronunciat\$3	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/19 16:35
S10	86	(voice adj signal).as.	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/19 16:30

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S11	22	S10 and pronunciat\$3	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/19 16:34
S12	884	(gillick wegmann yamron).in.	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/19 16:34
S13	5	S12 and (pronunciat\$3.clm.)	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/20 13:51
S14	6	("6744861") or ("6260012") or ("6728348").PN.	US-PGPUB ; USPAT; DERWENT	OR	OFF	2007/04/20 13:52
S15	12	("5247571"   "5377186"   "5404396"   "5448631"   "5553119"   "5732130"   "5784437"   "5832063"   "5844896"   "5958016"   "5991364"   "6404876").PN.	US-PGPUB ; USPAT; USOCR	OR	ON	2007/04/20 14:11
S16	4	("6744861").URPN.	USPAT	OR	ON	2007/04/20 14:12
S17	86	(voice adj signal).as.	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 11:44
S19	22	S17 and pronunciat\$4	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 11:44
S20	214	(379/88.03).CCLS.	US-PGPUB ; USPAT; DERWENT	OR	OFF	2007/05/01 17:01

## EAST Search History

S21	143	S20 and (phone phoneme)	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/01 17:02
S22	153	S20 and speech adj recognition	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/01 17:02
S23	111	S21 and S22	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/02 16:47
S25	21	(US-20040049388-\$ or US-20040073428-\$ or US-20030191645-\$).did. or (US-6092044-\$ or US-6411932-\$ or US-6230131-\$ or US-6078885-\$ or US-7085716-\$ or US-6016471-\$ or US-6744861-\$ or US-6314165-\$ or US-6973427-\$ or US-6304844-\$ or US-6243680-\$ or US-6029132-\$ or US-5991364-\$ or US-6260012-\$ or US-6418328-\$).did. or (WO-2004047077-\$).did. or (US-6208964-\$ or US-20040054533-\$).did.	US-PGPUB ; USPAT; EPO; DERWENT	OR	ON	2007/05/03 17:05
S26	11	S25 and frequency	US-PGPUB ; USPAT; EPO; DERWENT	OR	ON	2007/05/03 17:05

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S27	21	(US-20040049388-\$ or US-20040073428-\$ or US-20030191645-\$).did. or (US-6092044-\$ or US-6411932-\$ or US-6230131-\$ or US-6078885-\$ or US-7085716-\$ or US-6016471-\$ or US-6744861-\$ or US-6314165-\$ or US-6973427-\$ or US-6304844-\$ or US-6243680-\$ or US-6029132-\$ or US-5991364-\$ or US-6260012-\$ or US-6418328-\$).did. or (WO-2004047077-\$).did. or (US-6208964-\$ or US-20040054533-\$).did.	US-PGPUB ; USPAT; EPO; DERWENT	OR	ON	2007/05/04 12:53
S28	3	S27 and diphone	US-PGPUB ; USPAT; EPO; DERWENT	OR	ON	2007/05/04 12:54

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J Allan, J Carbonell, G Doddington, J Yamron, Y ... - Proceedings of the DARPA Broadcast News Transcription and ..., 1998 - dttx.ctd.edu.vn

Topic Detection and Tracking (TDT) is a DARPA-sponsored initiative to investigate the state of the art in finding and following new events in a ...

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**Topological actions from twisted supersymmetric theories**

JP Yamron - Physics Letters B, 1988 - adsabs.harvard.edu

Title: Topological actions from twisted supersymmetric theories. Authors:

Yamron, Jonathan P. Affiliation: Institute for Advanced ...

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**Systems and methods for word recognition**

JM Baker, LS Gillick, JK Baker, JP Yamron - US Patent 5,680,511, 1997 - freepatentsonline.com

In one aspect, the invention provides word recognition systems that operate to recognize an unrecognized or ambiguous word that occurs within a passage of ...

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**A hidden Markov model approach to text segmentation and eventtracking - group of 2 »**

JP Yamron, I Carp, L Gillick, S Lowe, P van ... - Acoustics, Speech, and Signal Processing, 1998. ICASSP'98. ..., 1998 - ieeexplore.ieee.org

Page 1 333 0-7803-4428-6/98 \$10.00 © 1998 IEEE A HIDDEN MARKOV MODEL APPROACH

TO TEXT SEGMENTATION AND EVENT TRACKING JP Yamron, I. Carp, L. Gillick, S. ...

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**NEW UNITARY AFFINE VIRASORO CONSTRUCTIONS - group of 6 »**

... , E Kiritsis, NA Obers, M Petrati, JP Yamron - International Journal of Modern Physics A, 1990 - hep.physics.uoc.gr

We report a quasi-systematic investigation of the Virasoro master equation. The space of all affine-Virasoro constructions is organized by K-conjugation ...

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**Covariantly quantizable superparticles - group of 2 »**

... W Siegel, P van Nieuwenhuizen, J Yamron, AE van de ... - Physics Letters B, 1990 - adsabs.harvard.edu

Title: Covariantly quantizable superparticles. Authors: Mikovic, A.; Rocek, M.; Siegel, W.; van Nieuwenhuizen, P.; Yamron, J.; van de Ven, A. E. ...

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**A generic affine-Virasoro action - group of 2 »**

MB Halpern, JP Yamron - Nuclear Physics B, 1991 - adsabs.harvard.edu

Title: A generic affine-Virasoro action. ...

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Dragon Systems' 1997 Broadcast News Transcription System - group of 6 »

... , F Scattone, I Carp, L Gillick, R Roth, J **Yamron** - Proc. of the Broadcast News Transcription and Understanding ..., 1998 - itl.nist.gov

This system represents Dragon's first participation in the HUB4 evaluations since the 1995 Marketplace dry run. At that time, we used a fairly ...

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Covariant quantization of the first-ilk superparticle - group of 2 »

... , E Laenen, W Siegel, JP **Yamron**, T Kimura, A ... - Nuclear Physics B, 1991 - adsabs.harvard.edu

Title: Covariant quantization of the first-ilk superparticle. Authors: Eßler, F.; Hatsuda, M.; Laenen, E.; Siegel, W.; **Yamron**, J. P.; Kimura, T.; Mikovic, A. ...

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A gauge invariant action for the free Ramond string

JP **Yamron** - Physics Letters B, 1986 - adsabs.harvard.edu

Title: A gauge invariant action for the free Ramond string. Authors: **Yamron**, Jonathan P. Affiliation: Department of Physics, University ...

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### [Speaker normalization on conversational telephone speech](#)

**S Wegmann**, D McAllaster, J Orloff, B Peskin, DS ... - *Acoustics, Speech, and Signal Processing, 1996. ICASSP-96. ..., 1996* - ieeexplore.ieee.org

Page 1 SPEAKER NORMALIZATION ON CONVERSATIONAL TELEPHONE SPEECH 0-7803-3192-3/96

\$5.00©1996 IEEE 339 Steven **Wegmann**, Don McAllaster, Jeremy Orloff and ...

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### [Dragon Systems' 1997 Broadcast News Transcription System - group of 6 »](#)

**S Wegmann**, F Scattone, I Carp, L Gillick, R Roth, ... - *Proc. of the Broadcast News Transcription and Understanding ..., 1998* - itl.nist.gov

This system represents Dragon's first participation in the HUB4 evaluations since the 1995 Marketplace dry run. At that time, we used a fairly ...

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### [Progress in Broadcast News transcription at Dragon Systems - group of 3 »](#)

**S Wegmann**, P Zhan, L Gillick, DS Inc, MA Newton - *Acoustics, Speech, and Signal Processing, 1999. ICASSP'99. ..., 1999* - ieeexplore.ieee.org

In this paper we shall report. on recent progress in acoustic modelling and preprocessing in our Broadcast News transcription system. We have gone back ...

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### [Improvements in recognition of conversational telephone speech - group of 4 »](#)

... , V Nagesha, H Richards, **S Wegmann**, M Hunt, L ... - *Acoustics, Speech, and Signal Processing, 1999. ICASSP'99. ..., 1999* - ieeexplore.ieee.org

Page 1 0-7803-5041-3/99 \$10.00 © 1999 IEEE 53 IMPROVEMENTS IN RECOGNITION OF CONVERSATIONAL TELEPHONE SPEECH Barbara Peskin, Michael Newman, Don ...

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### [Dragon Systems' 1998 Broadcast News Transcription System for Mandarin](#)

P Zhan, **S Wegmann**, L Gillick - *Proceedings of the DARPA Broadcast News Workshop, 1999* - itl.nist.gov

In this paper we shall describe Dragon Systems' 1998 Broadcast News transcription system for Mandarin. We shall describe our music classifier, ...

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### [\[CITATION\] Dragon Systems' 1994 Large Vocabulary Continuous Speech Recognizer](#)

... L Gillick, J Orloff, F Scattone, G Gao, **S Wegmann** ... - *Proc. ARPA Spoken Language Systems Technology Workshop, ..., 1995*

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### [\[PS\] INQUIRY and TREC-7 - group of 7 »](#)

J Allan, J Callan, M Sanderson, J Xu, **S Wegmann** - *Proc. of the Seventh Text Retrieval Conference (TREC-7), 1999 - www-2.cs.cmu.edu*

This year the Center for Intelligent Information Retrieval (CIIR) at the

University of Massachusetts participated in only four of the tracks that ...  
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**[ps] Automatic learning of word pronunciation from data - group of 7 »**

E Fosler, M Weintraub, **S Wegmann**, YH Kao, S ... - ... International Conference on Spoken Language Processing, S - icsi.berkeley.edu

One of the issues in continuous speech recognition is how to model the bridge between acoustics and word sequences, that is, pronunciation variations. ...

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**Progress in recognizing conversational telephone speech - group of 6 »**

... , N Liberman, M Newman, P van Mulbregt, **S Wegmann** - ICASSP IEEE INT CONF ACOUST SPEECH SIGNAL PROCESS PROC, 1997 - doi.ieeecs.org

This paper describes recent improvements made to Dragon's speech recognition system which have improved performance on Switchboard recognition by ...

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**Synthesis of T helper 2-type cytokines at the maternal-fetal interface. - group of 3 »**

... TR Mosmann, L Guilbert, **S Tuntipopipat**, TG **Wegmann** - J Immunol, 1993 - ncbi.nlm.nih.gov

Clinical and experimental evidence has indicated that the maternal immune response is biased toward antibody production and away from cell-mediated ...

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### The palliation of symptomatic osseous metastases: final results of the Study by the Radiation ... - group of 2 »

D Tong, L Gillick, FR Hendrickson - Cancer, 1982 - [ncbi.nlm.nih.gov](#)

Different dose fractionation irradiation schedules have been evaluated in a randomized Radiation Therapy Oncology Group (RTOG) study to determine their ...

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### Some statistical issues in the comparison of speech recognitionalgorithms - group of 3 »

L Gillick, SJ Cox, DS Inc, MA Newton - *Acoustics, Speech, and Signal Processing, 1989. ICASSP-89.*, ..., 1989 - [ieeexplore.ieee.org](#)

In the development of speech recognition algorithms, it is important to know whether any apparent difference in performance of algorithms is ...

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### Adverse consequences of hospitalization in the elderly.

MR Gillick, NA Serrell, LS Gillick - *Soc Sci Med*, 1982 - [ncbi.nlm.nih.gov](#)

This study prospectively examines 502 general medical patients for evidence of side-effect of hospitalization unrelated to diagnosis or therapy of acute ...

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### A hidden Markov model approach to text segmentation and eventtracking - group of 2 »

JP Yamron, I Carp, L Gillick, S Lowe, P van ... - *Acoustics, Speech, and Signal Processing, 1998. ICASSP'98.*, ..., 1998 - [ieeexplore.ieee.org](#)

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TO TEXT SEGMENTATION AND EVENT TRACKING JP Yamron, I. Carp, L. Gillick, S. ...

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### Systems and methods for word recognition

JM Baker, LS Gillick, JK Baker, JP Yamron - US Patent 5,680,511, 1997 - [freepatentsonline.com](#)

In one aspect, the invention provides word recognition systems that operate to recognize an unrecognized or ambiguous word that occurs within a passage of ...

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### Method for speech recognition - group of 5 »

JK Baker, L Gillick - US Patent 4,805,219, 1989 - [Google Patents](#)

Baker et al 364/513.5 Pirz et al 381/41 Vensko 381/43 Asakawa et al 381/43 OTHER PUBLICATIONS "Organization of Hearsay II Speech Understanding System", ...

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### A probabilistic approach to confidence estimation and evaluation - group of 7 »

L Gillick, Y Ito, J Young - *Proc. ICASSP*, 1997 - [doi.ieeecomputersociety.org](#)

In this paper we propose a novel way of estimating confidences for words that

are recognized by a speech recognition system, together with a natural ...  
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**[CITATION]** Fabricating conversational speech data with acoustic models: A program to examine model-data ...  
D McAllaster, L Gillick, F Scattone, M Newman - Proc. ICSLP, 1998  
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**Apparatuses and methods for developing and using models for speech recognition - group of 3 »**

LS Gillick, F Scattone - US Patent 5,715,367, 1998 - freepatentsonline.com  
A computerized system time aligns frames of spoken training data against models of the speech sounds; automatically selects different sets of phonetic ...  
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**Large-vocabulary continuous speech prefiltering and processing system - group of 2 »**

LS Gillick, RS Roth - US Patent 5,202,952, 1993 - Google Patents  
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